

Realex
Division of United Industries
P. O. Box 15842
St. Louis, MO 63114

Hazardous Material Identification System - (HMIS)

HEALTH - 2

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL -

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

I Trade Name: Real-Kill® Ant and Grub Lawn & Garden Insect Killer Concentrate

Product Type: Liquid dilutable insecticide concentrate

Product Item Number: 10041.1

Formula Code Number: 21-0360

EPA Registration Number

Manufacturer

Emergency Telephone Numbers

9688-84-478

Chemsico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
For Information: 1-800-332-5553
Prepared by: C. A. Duckworth
Date Prepared: January 11, 2001

II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Permethrin CAS# 52645-53-1	2.5	NA	NA

III Physical and Chemical Characteristics

Appearance & Odor: Translucent straw colored, water-thin liquid with an aromatic solvent odor.

Boiling Point: 220° F

Melting Point: NA

Vapor Pressure: NA

Specific Gravity: 1.0 (H₂O = 1)

Vapor Density: Greater than 1 (Air = 1)

% Volatile (by vol.): 91%

Solubility in Water: Greater than 93%

Evaporation Rate: Less than 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data

Flash Point: NA - Will not burn

Flame Extension: NA

Flammable Limits: NA

Autoignition Temperature: NA

Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical

Decomposition Temperature: NA

Special Fire-Fighting Procedures: Use procedures for elimination of original fire source.

Unusual Fire & Explosion Hazards: None. Also see Section V.

V Reactivity Data

Stability: Stable

Polymerization: Will not occur

Conditions to Avoid: None

Incompatible Materials: NA

Hazardous Decomposition or Byproducts: NA

VI Health Hazard Data

Ingestion (Swallowing): May be harmful if swallowed. **First Aid:** Call a physician or Poison Control Center immediately.

Skin Contact: May be harmful if absorbed through skin. **First Aid:** Wash contaminated skin with soap and water.

Eye Contact: Avoid contact with eyes. **First Aid:** Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists.

Inhalation Toxicity: Avoid breathing spray mist. **First Aid:** Remove to fresh air.

Special Notes: None

Health conditions Aggravated by Exposure: None known

Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Avoid contact with liquid. Soak up with absorbent material.

Waste Disposal: Give to a qualified waste disposal service.

Handling & Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT Shipping Name: Consumer Commodity

DOT Hazard Class: Not DOT regulated in available package

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.